

MINING NEWS Here and Elsewhere

Edited By
ANSON H. SMITH

FIND VEIN ON PAWVA 425 FT. FROM SHAFT

The lateral work from the bottom of the 200 foot shaft on the Pawva claim, formerly the old Jonathan, near the Frost ranch, has reached the vein that was lost in the old works. This drift was carried off 425 feet from the shaft before it picked up the vein. This vein is four feet in width and the value indicated runs above 100 ounces silver to the ton.

The mine was operated many years ago by the late Charles Cummings, who mined several hundred tons of very rich ore before the faultings of the vein caused a suspension of the work. Since that time leasers have taken all the high grade ore that could be found in the property, although many hundreds of tons of mill ore was opened and left in the mine. It is now believed that drifting on the vein will bring to view a better grade of ore, as indicated on the level above. This work is being carried on with great rapidity and it will be but a short time until the new ore body is developed to the productive stage.

George W. Gibson is in charge of the company operating the property and is highly pleased over the picking up of the faulted ground.

THUMB BUTTE HITS LOOKED FOR VEIN

The crosscut from the lower level of the Thumb Butte mine has at last reached the vein and cut partly through it, showing some values in gold. The management is driving the drift on the vein and it is expected that the ore body will be reached within a short time. A big body of water was encountered when the vein was reached and this is impeding progress in further development on that level. The vein has faulted on the level above and it required considerable engineering work to dope out the whereabouts of the vein below the fault. This has been done and now the development of the property on a large scale will be but a matter of straight development. The company has been fortunate in having a man of the capabilities of Henry Johnson as its mine manager and under his direction the property should soon be getting into production class. This property has merit and now money and labor rightly directed will bring the desired results.

IMPROVEMENT IN COPPER MARKET

Some of the largest selling agencies of the Atlantic seaboard have been taking small orders for copper at 19c per pound, despite the fact that there has been a release of the Japanese purchases below that sum. How large an amount is embraced in the Japanese holdings of American copper cannot be ascertained, but it is not thought to be large. Last month it was stated that there was only about 180,000,000 pounds of copper on hand in the United States, not taking into stock the holdings of the United States government. This stock is supposed to have been quietly sold to copper interests, so that none of it will be dumped on the market. With the decrease in production the market for copper is sure to be stabilized to such an extent that when the demand comes, which is expected in the early fall, producers will be in position to take advantage of increased prices. Manufacturers have been buying in small lots with the confident hope that something would happen to reduce the price of the raw material far below the present selling price, but they are liable to get a solar plexus when the buying season comes and finds them short of copper and the other essential materials.

METALS THAT CALL FOR USE

Of the metals now known, more than 50 in number, Dr. E. T. Slossons notes that not one-half have come into common use. The so-called rare elements are really abundant enough, considering the earth's crust as a whole, though they are so thinly scattered that they are usually overlooked and hard to extract. But whenever one of them proves valuable it is soon found available. A systematic search generally reveals it somewhere in sufficient quantity to be worked. Who, then, it is asked, will be the first to discover a use for indium, germanium, terbium, thulium, lanthanum, neodymium, scandium, samarium and others as much unknown to us of today as tungsten was to our fathers.

MINERAL EXAMINERS HERE

L. H. Whitney and J. E. Bush, mineral examiners from the general land office are in Mohave county for a few days classifying mineral lands. Whitney, it will be remembered spent several months here last winter and spring.

STENE COPPER CO. TO OPERATE AT BILL WILLIAMS FORK

The mining editor is in receipt of a letter from R. M. Stene, who is just now in New York working on the promotion of his copper company, which indicates that there will be something doing on Bill Williams Fork. Mr. Stene and associates have a large holding of copper ground below the McCracken, in the Owen and Santa Marie mining districts. This covers both the north and south sides of Bill Williams and is well situated for economic mining. It is claimed that the company has developed 275,000 tons of 2½% copper ore and there is possibility of enormous tonnage with further exploitation. The company is financing its treasury by the offering of 500,000 shares of 7% cumulative stock, with a 20% bonus of common stock.

The property of the company lies below that of the Cactus Queen copper company, a short distance below the confluence of the Big Sandy and Santa Maria creeks, and in a most favorable part of that great copper bearing region. Throughout the contiguous country are the Cleopatra, Signal, Planet and other important copper properties that are now or have already produced largely of copper ores. The Planet mines were the first copper properties in Arizona to send out their ores to England for treatment. In the early sixties of the last century a copper furnace was maintained at the mouth of the Bill Williams Fork at a point known as Aubrey, where the Planet ores were reduced. Later a milling plant was erected on the Mack properties and although they carried large percentage of copper a big saving of gold values was effected. From the Santa Maria creek to the Colorado river the territory is gridironed with copper veins, the largest producer being the old Swansea, which originally was the Copper Prince. This property is being operated by a leasing company, the principal being the United Verde company. Ores are milled and the concentrates shipped to the Clarkdale smelter. With proper development many other properties in that region would be developed into large producers.

SHIPS CAR OF ORE FROM CHLORIDE

Philip Smith, of Chloride, passed through Kingman a few days ago on his way to San Francisco, where he will look after the sampling of a carload of ore from the old Arthur claim at Chloride. This property is owned by Charles E. Sherman and was one of the first properties discovered in the Chloride section. W. B. Ridenour now of Hackberry, was the discoverer of the property and named it the Independence. The surface ores yielded heavily in silver, some of the richest ever found in district coming from the property. It needs intensive development to make it one of the good producers of the district.

WEST DRIFT U. A. 180 FEET ON VEIN

The west drift on the 500 level of the United American is now in 180 feet on the vein and the showing of high grade was continuous for the past 100 feet. About Monday next another crosscut will be carried across the vein to get some idea of its magnitude at that point. The ore body for the entire 180 feet is of mill value, and the impression prevails that this ore shoot will continue to the Tom Reed line.

In the east drift some good looking ore has been picked up, but it does not contain mill values, although it is expected that any round of holes may bring in the good stuff. As soon as the veins have again been crosscut the work of sinking to a deeper level will be put under way, it being the intention to go to the 635 level, which would be contemporaneous with the 400 level of the Aztec of the Tom Reed. The Tom Reed people are carrying a drift east on the 400 level to pick up the big ore shoot on the American, if it extends into their ground. The ore shoot is liable to prove continuous into the ground west of the American, which would be the Aztec vein of the Tom Reed, and yet give the American about 500 feet of a splendid ore shoot. It is also the opinion that the veins lying parallel to the big ore shoot on the American are liable to be highly mineralized.

One Explanation.
"Rastus, what's an alibi?"
"Dat's provin' dat you wuz at pray-er meetin' whar you wasn't, in order to show dat you wasn't at the crap game whar you wuz."—Lehigh Burr.

MORE HIGHGRADE AT THE DIAMOND JOE

The winze from the tunnel level of the Diamond Joe mine has entered a splendid body of ore, samples from which run far into the hundreds of ounces in silver. E. C. Bradshaw came in from the property Tuesday last bringing with him some of the rich ore that reminded us of the old material taken from the property a quarter of a century ago. This ore is to be drifted on as soon as a sufficient depth is reached, it being the intention to carry the main shaft down to a level that will make possible the opening of a good back of ore. The main shaft is to be carried down to the 300 level and the drifts carried off into the ore body.

The Diamond Joe is in a position where a deep tunnel could be carried in on the vein and immense backs of ore opened. It is our belief that with this development carried under the old workings the Diamond Joe would be one of the heaviest producers of silver in the state, the ore being rich in that metal and also carrying values in copper and lead.

CATHERINE CUTS ORE BODY ON 400

A crosscut into the ore body on the 400 level of the Catherine mine opened a water body that gradually flooded that level. While the water will be kept down as much as possible no effort will be made to further explore the ground below the 300. The ore body where cut through shows the same big vein as on the 200 and 300 levels and the values are said to be equally good. The drifts are being carried along the other levels and the ore body is found to have wonderful length and width. So large is the ore body that when opened on the 400 level enough ore will be brought to view to keep a big milling plant in operation for many years.

The Catherine needs to be hooked up with the Kingman power plant to give it adequate power for all necessary purposes, the operation of gas engines not only being expensive but the power given is not adequate to the demand. The mine is too big an affair to be developed with small machinery, and it is to be hoped that the management will be given a free hand to install a big plant of machinery on it and bring in the power from the line that is being extended to the Mossback.

QUICKSILVER IN THE UNITED STATES

Between January 1 and March 31, 1920, inclusive, 4,899 flasks of quicksilver, each of 75 pounds net, was produced in the United States, according to F. L. Ransome, of the United States Geological Survey, Department of the Interior, who obtained the figures from the producers. This is 852 flasks less than the output in the fourth quarter of 1919 and 1,226 flasks less than that in the first quarter of 1919.

California produced 3,994 flasks, and Texas, Oregon, and Nevada together produced 905 flasks. There were 10 productive mines in California and 1 in each of the three other producing States. Less than 100 flasks was produced by mines outside of California and Texas.

The quicksilver on hand at the mines or in transit to market at the end of the quarter amounted to 4,160 flasks.

The average monthly prices of quicksilver per flask in San Francisco in the first three months of 1920, as quoted in the Mining and Scientific Press, were \$89 in January, \$81 in February, and \$87 in March.

The Armless Wonder.
Henry—Haden't you ought to have something around you to go motoring at night?
Lizzie—Haven't you anything with you?—Stanford Chaparral.

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RURAL ORE BODY CONTINUES GOOD

The ore body opened recently on the 180 level is showing better values with the additional work. Stopes have been opened and within the next week shipments will go out to the smelter. The ore in the stopes show heavily in native silver, while the main body gives high values in silver and gold. The opening of this body of ore is of importance, showing as it does, that the ore bodies are almost continuous throughout the Rural and Buckeye ground, where heretofore the shoots in the old works were short, especially the rich ore bodies. The tunnel to the east on the Buckeye shows ore of high milling value in virgin ground, and with the connection to the west with the Rural the ore shoot is maintained for many hundred feet.

CONNOLLY HERE

Jack Connolly, owner of the J. C. Mine at Cerbat, is a recent arrival from his home near Santa Cruz. It is quite probable that Mr. Connolly will again take up his residence in Mohave County, the mining game offering much better inducement for a hustler than any other profession.

No Way to Conserve It
It's mighty queer that, just as there is a shortage of paper, women are to have the ballot.

Helpful
"Very kind man, the Senator. Wrote out the interview I asked for and saved me any trouble."
"Wrote it out?"
"Yes. Even asked himself the necessary questions."—Louisville Courier-Journal.

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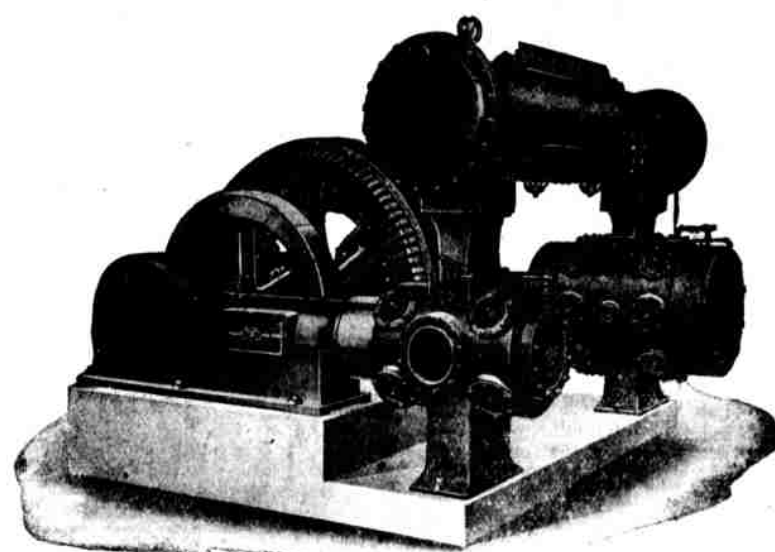
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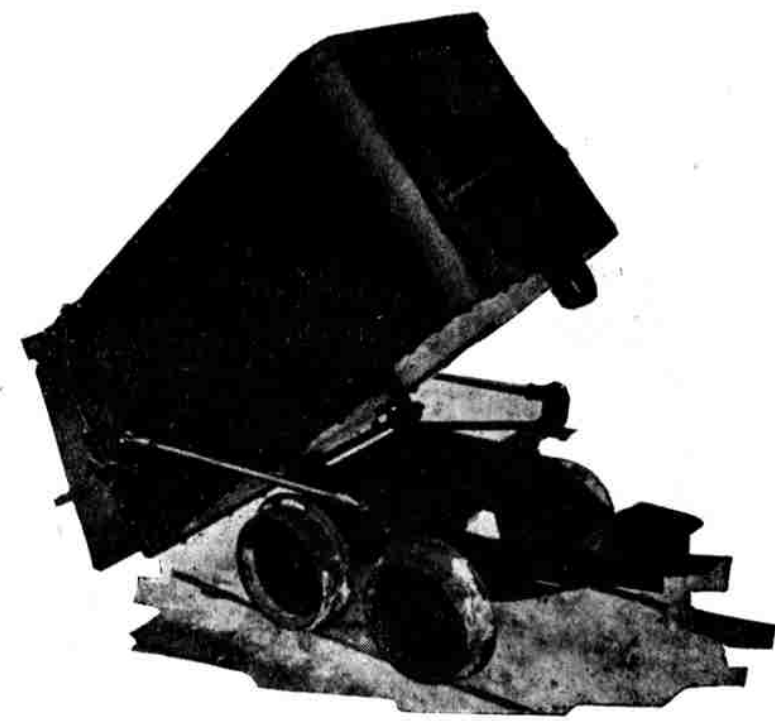


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